

REMARKS/ARGUMENTS

The applicant acknowledges, with thanks, receipt of the Office Action mailed February 27, 2007, and completion of the personal interview on April 25, 2007. The Examiner's comments and observations are much appreciated, and have been addressed and summarized in the subject response.

Claims 7, 14, 21, and 28 were objected to as they contain the trademark JAVA. Claims 7, 14, 21 and 28 have been amended to remove reference to the trademark JAVA. Accordingly, it is submitted that these claims are no longer objectionable.

The specification was objected to due to the use of the trademark JAVA. Amendment to the specification has been made to reflect all capital letters for the trademark to address the Examiner's request.

Claims 1-28 were rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,066,181 to DeMaster. In view of the amendments and argument set forth, it is submitted that all claims are patentably distinct over the art of record.

By way of review, the subject application teaches a system and method for object-to-object mapping between an application side object and a native side object. In a preferred embodiment, the system and method facilitate mapping between JAVA objects and C++ objects. The system and method implement an object map that is tied to a key which correlates respective objects. When a particular object is encountered, a test is made for a presence of a key which corresponds to the map. If appropriate key data exists in the map, then a correlation between objects is made. In the event that key data does not exist in the map, the system and method complete a mapping operation between the objects of interest, and generates key data accordingly, and this is added to the map.

DeMaster is directed to a system which generates JAVA native interface code. The system parses native interface descriptions inclusive of functions or procedures to generate data conversion code stubs. These code stubs are compiled into a dynamic link library to facilitate translation between the environments.

As noted during the interview, the subject application teaches an object mapping that is based on key data which directs correlation between objects. When an object is referenced, a test of this key data is made. If a key exists, then a mapping is already completed. In the event that

key data does not exist, then a mapping is made, and corresponding key data is generated and made available for a mapping operation. The key based system allows for efficient and flexible object-to-object mapping which is not taught by DeMaster.

Amendment to all claims has been made to further clarify the above-summarized novelty by virtue of amendment to each independent claim. Amendment to claims 1, 8, 15 and 22 adds limitation, as discussed in the interview, directed to creation of key data in accordance with object references when such key data is not already available. It is submitted that, with this addition, all claims are far removed from the teachings of the art of record and in condition for allowance thereover.

In accordance with the forgoing, an early allowance of all claims is respectfully requested.

If there are any fees necessitated by the foregoing communication, the Commissioner is hereby authorized to charge such fees to our Deposit Account No. 50-0902, referencing our Docket No. 66329/00167.

Respectfully submitted,



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